

Abstract

The present invention pertains to the field of medicine and may be used for carrying out biopsies in the serpinginous channels. This invention more precisely relates to an endoscope that comprises an invagination device in the shape of a compact cylinder, wherein said cylinder is separated by a gap from the endoscopic tube and has an outer diameter with periodically narrowing sections as well as an inner diameter with periodically widening sections. The endoscope also includes a rod extraction/introduction system for bending the distal end of the endoscopic tube. This endoscope further includes a cartridge in the shape of a sleeve for receiving the condom of the distal part of the endoscopic tube as well as a spring. One end of the invagination device is turned inside out and is connected to the distal end of the sleeve which is covered with a seal, wherein said invagination device also includes an anal dilator and an endoscopic tube nozzle. The endoscope further includes a table unit, control pedals, a mechanism for supplying the endoscopic tube as well as a cylinder with a piston for introducing biopsy prongs and for sampling biopsy material in the serpinginous channels.

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